

# Review of: "The Application of Adjustable Magnetic Devices in Electric Power Systems"

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**Potential competing interests:** No potential competing interests to declare.

The acronyms in the paper should be avoided, as they make the paper difficult to read. The English also needs improvement.

TIM and TCM acronyms in Figure 4 should better be described before the picture

In figure 9 the waveforms are very thin, they should be thickened.

Also, the 40 ms zoom detail should be for the selected in the same area, for the two regimes (which is, symmetrical to the gain of 1.25, for which the comparison between the waveforms is relevant)

In chapter 5.3 the C capacitance value is mistyped ( $C=3001\%$  F).

The paper is very interesting, as it addresses an important field in a non-conventional way. To emphasize the applicability of the proposed solution, the simulation and experimental validation of the model should be done closer to the final application of the proposed circuit. That is, a scaled model connected at least to the 400V industrial power line. More than that, a relevant power quality improvement should be presented using the proposed idea, for a typical nonlinear load (and the compensation of the reactive power and some of the important low order harmonics).